

2. On Peruvian Birds collected by Mr. Whitely. By P. L. SCLATER, M.A., Ph.D., F.R.S., and OSBERT SALVIN, M.A., F.L.S.—Part IV.*

(Plate XIII.)

The present collection of Mr. Whitely contains 131 specimens of birds, obtained in May, June, July, and August last, at Tinta on the Vilcamayo, south-east of Cuzco, and at Tungasuca and Pitumarca, two villages in the immediate vicinity of Tinta. Tinta is about 11,000 feet above the sea-level, and therefore belongs to the upper part of Tschudi's Eastern Sierra region†. Tungasuca and Pitumarca are both higher on the hills, the former on the right bank, and the latter on the left bank of the Vilcamayo, and may probably come into Tschudi's Puna region (11,000–14,000 feet).

The total number of species contained in the collection is forty-six, of which four appear to be undescribed, namely *Saltator laticlavus*, *Poospiza cæsar*, *Agriornis insolens*, and *Centrites oreas*. The others are mostly known to us from the researches of D'Orbigny in Bolivia, and Tschudi in higher Peru.

We have added some field-notes, taken from Mr. Whitely's MS. catalogue.

1. *HIRUNDO ANDICOLA*, Lafr. et D'Orb.

Tinta, May 22, 1868.

2. *DIGLOSSA BRUNNEIVENTRIS*, Lafr.

Tinta, May 1868.

"Shot in a garden. Its habits closely resemble those of a Blue Tit (*Parus*); it frequently clings beneath the branches of trees."

3. *TANAGRA DARWINI*, Bp.

Tinta, May 10th.

4. *SALTATOR LATICLAVIUS*, sp. nov.

Saltator aurantiorostris, Lafr. et D'Orb. Syn. i. p. 35, et D'Orb. Voy. Ois. p. 288 (partim).

Supra cinereus, fulvescente tinctus: superciliis postocularibus albis: capitis lateribus cum torque collari antico lato conjunctis nigris: gula alba; abdomine medio fulvo, lateraliter cinereo perfuso: cauda nigricante, rectricibus duabus utrinque extimis albo terminatis: rostro aurantiaco, pedibus nigris: long. tota 9·5, alæ 4·2, caudæ 4·2 poll. Angl.

Hab. Peruvia alta (*Whitely*).

Obs. Similis *S. aurantiorostri* ex rep. Argentina, sed torque collari lato, et rectricum apicibus albis angustioribus dignoscendus.

* See Part I., P. Z. S. 1867, p. 982; Part II., P. Z. S. 1868, p. 173; and Part III., *ibid.* p. 568.

† Faun. Per. Vorrede, p. xxv.

In Sclater's "Synopsis of Tanagers" (P. Z. S. 1856, p. 75) he speaks of certain specimens of *S. aurantirostris* in which the "front, sides of the head, throat, and breast are all deep black, a postsuperciliary stripe and middle of the throat only being white." These specimens (collected by D'Orbigny in Bolivia, and MM. Castelnau and Deville in high Peru) were no doubt identical with the present example, which, however, we believe to be specifically distinct from the true *S. aurantirostris*, and propose to call *laticlavus* from its broad-bordered throat.

Mr. Whitely's skins of this *Saltator* were obtained at Tinta. One was shot in a garden, the others off cactus plants on the hills above Tinta, in May and June. "Eyes dark hazel; bill orange; legs, toes, and claws black." The sexes, as marked, are coloured alike.

5. CATAMENIA ANALIS (Lafr. et D'Orb.).

Tinta.

"Shot off cactus plants. It frequents lanes, appearing to have the habits of a Finch. Bill bright yellow; legs and feet brownish black; eye dark hazel."—H. W.

6. POOSPIZA CÆSAR, sp. nov. (Plate XIII.)

Supra plumbea: remigibus et rectricibus obscurioribus, unicoloribus: superciliis albis: capitis lateribus nigricantibus: subtus alba, pectore lato et crisso castaneis: ventre lateraliter plumbeo, mediuliter albicante: rostro nigricanti-plumbeo, mandibula subtus albicante: pedibus corylinis: long. tota 7·7, alæ 3·2, caudæ 3·1, tarsi 1·1.

Hab. Peruvia alta (*Whitely*).

Two skins of this *Poospiza* are in Mr. Whitely's collection. One is a young male; of the other the sex is not marked, but we should suppose it to be an adult of the same sex. They were both obtained at Tinta in May last.

The species is larger than any other member of the genus known to us. In colour it is something like *P. thoracica*, but has distinct white superciliaries, and no chestnut-colour on the flanks.

"Shot in a hedge. Length $7\frac{1}{4}$ inches, ditto of wing $3\frac{1}{8}$. Bill slate-colour; eye dark hazel; legs and toes brownish flesh-colour."

7. PHRYGILUS PLEBEIUS, Tsch.; Scl. et Salv. P. Z. S. 1868, p. 568.

Tinta, May 1868.

"Shot in a cactus hedge."

8. PHRYGILUS FRUTICETI, Kittl.

Tinta, May 1868.

"Shot off cactus plants. Eye dark hazel; bill, legs, and toes brownish flesh-colour."

9. CHRYSOMITRIS ATRATA (Lafr. et D'Orb.); Scl. Cat. A. B. p. 125.

Pitumarca, August 1868.

10. SYCALIS CHLORIS, Cab.; Scl. et Salv. P. Z. S. 1868, p. 568.

Two adult males of this bird in full plumage, both obtained at Tinta in June last.

"Shot on the banks of the river. Appears to be common, frequenting also the houses of the village."

11. AGELASTICUS THILIUS (Mol.); Scl. Cat. A. B. p. 136.

Agelaius xanthocarpus, Bp. Consp. p. 430 (av. jr.).

One adult male of this species from Tungasuca, May 1868.

"Shot on the margins of the lake, where it frequents the reed-beds. Eye dark hazel; bill, legs, toes, and claws black. Total length $7\frac{1}{4}$ inches, ditto of wing $3\frac{3}{4}$. Stomach contained the remains of small beetles."

12. GEOSITTA TENUIROSTRIS (Lafr. et D'Orb.).

Certhilauda tenuirostris, Lafr. et D'Orb. Syn. Av. p. 72; D'Orb. Voy. Ois. p. 359, t. 43. f. 2.

Four skins from Tinta and Tungasuca; sexes alike.

"Found near the lake, and also near the banks of the river. Eye dark hazel; bill sepia; legs, toes, and claws black."

13. CINCLODES FUSCUS (Vieill.); Scl. et Salv. P. Z. S. 1867, p. 985. Tungasuca.

14. AGRIORNIS INSOLENS, sp. nov.

Supra fuscescenti-cinerea unicolor; alis nigricantioribus, colore pallidiore marginatis: loris et superciliis indistincte fulvis: subtus pallide fulvescenti-cinerea, gutture albicantiore et nigro striata: ventre dilutiore: subalaribus, crisso et cauda fere tota albis; rectricibus autem duabus mediis cinereo-nigricantibus et his duarum proximarum pogoniis internis cinereo marginatis: rostro et pedibus nigris: long. tota 10.0, ala 5.3, caudae 4.1, rostri a rictu 1.4, tarsi 1.35.

Fem. *Mari similis.*

Hab. Peruvia, Tinta (*Whitely*).

Four specimens of this *Agriornis* were collected at Tinta in May and June. It approaches nearest to *A. solitaria* of Ecuador, being nearly of the same build, and having, like that species, the three pairs of external tail-feathers wholly white. But it may be immediately distinguished by its much paler colour below, and by the distinct black markings on the white throat.

A. pollens, Sclater* (*A. andicola*, Sclater, nec D'Orb.), has also the external rectrices wholly white, and is very like the present bird in general colour, but is much larger and stronger in form, resembling in these respects *A. livida*, the type of the genus.

"Shot off the roof of a house. Quite solitary in its habits; I have never seen two birds together."

* The name *andicola* having been used by Lafresnaye and D'Orbigny for a species of this genus, I have altered my former name (given P. Z. S. 1860, p. 78) into *pollens*.—P. L. S.

15. *OCTHOECA LEUCOPHRYS* (Lafr. et D'Orb.); Scl. et Salv. P. Z. S. 1867, p. 986.

Tinta, May.

"Shot off cactus plants. Bill black; eye dark hazel; legs and toes black."

16. *MUSCISAXICOLA RUFIVERTEX*, Lafr. et D'Orb.; D'Orb. Voy. Ois. p. 354, t. 40. f. 2.

One example from Tinta (marked ♀), May. Rather larger than Chilian specimens, and varying otherwise, but very slightly.

"Shot off the top of a rock. Eye dark hazel; bill, legs, and toes black."

17. *MUSCISAXICOLA MACULIROSTRIS*, Lafr. et D'Orb.; Scl. et Salv. P. Z. S. 1868, p. 568.

Tinta.

"Shot on a bank."

18. *CENTRITES OREAS*, sp. nov.

Centrites niger, Scl. et Salv. P. Z. S. 1867, p. 987, et 1868, p. 569.

Niger: *dorso castaneo: remigum primariorum pogoniis internis albicantibus: long. tota 5.5, alæ 3.2, caudæ 2.0.*

Fem. Fusca: dorso luride castaneo: primariis, sicut in mari albicantibus sed cinnamomeo tinctis.

Hab. Peruvia alta (*Whitely*).

Obs. *Centrites niger* remiges intus nigros unicolores ostendit.

Two pairs of this *Centrites* were collected at Tinta. D'Orbigny does not appear to have recognized its distinctness from the common species of the Argentine Republic, of which we have examined many specimens. Besides the difference in the wing-feathers, the present species is larger, and has the back of a rather lighter chestnut. Mr. Whitely's former specimen from Salinas belongs also to the present species.

"Shot on the river bank; common."—H. W.

19. *PATAGONA GIGAS* (Vieill.).

Tinta.

20. *COLAPTES RUPICOLA*, Lafr. et D'Orb.; D'Orb. Voy. Ois. p. 377, t. 62. f. 1; Sundev. Consp. Pic. p. 78.

Tungasuca and Tinta.

"Appears rather common, frequenting holes in banks, there being no timber in the neighbourhood. Some specimens were shot off a mud wall. Eye greenish yellow; legs and toes greenish brown; bill black."

21. *BOLBORHYNCHUS ORBIGNESIUS* (Bp.); Finsch, Papag. ii. p. 129; Scl. et Salv. P. Z. S. 1868, p. 569.

Tinta. Sexes, as marked, are alike.

"Found frequenting the top of a church."

22. *MILVAGO MEGALOPTERUS*, Meyen; Scl. et Salv. P. Z. S. 1867, p. 988.

Adult and young from Tinta.

23. *BUTEO ERYTHRONOTUS* (King); nob. *l. c.* p. 988.

One skin, marked female, in the plumage figured by D'Orbigny (Voy. t. 3. f. 2), from Tinta.

"Legs and toes bright chrome-yellow; claws black."

24. *GERANOÆTUS MELANOLEUCUS* (Vieill.).

Tungasuca.

"Bill black at the tip, yellowish green at the base; eye light hazel; legs and toes chrome-yellow; claws black. Total length 18½ inches."

25. *TINNUNCULUS SPARVERIUS* (Linn.).

Tinta.

26. *HYPOTRIORCHIS FEMORALIS* (Temm.).

Tinta.

"Shot by a native off the top of a cactus plant. Bill slate-colour at the point, yellow at the base; eye dark hazel; eyelid, legs, and toes bright yellow; claws black."

27. *CIRCUS CINEREUS* (Vieill.).

One skin, apparently an immature male, of this species from Tinta.

"Bill slate-colour; eye yellow; legs and toes chrome-yellow; claws black."

28. *STRIX PERLATA*, Vieill.

Tinta.

29. *BUBO VIRGINIANUS* (Gm.).

Tinta. Smaller, as is usually the case, than northern specimens.

"Shot by a native, in the daytime, off a cactus plant. Eye bright yellow."

30. *PHOLEOPTYNX CUNICULARIA* (Mol.).

Tinta.

31. *METRIOPELIA MELANOPTERA* (Gm.); Bp. Consp. ii. p. 75.

Tinta.

32. *CHAMÆPELIA ERYTHROTHORAX* (Meyen); Scl. et Salv. P. Z. S. 1867, p. 989.

Tinta.

"Shot off the top of a mud wall."

33. *VANELLUS RESPLENDENS* (Tsch.); Sclater, P. Z. S. 1858, p. 556.

Four examples from Tinta, obtained at an elevation of 12,000 feet. Sexes alike.

"Shot on marsh land. Has the habits of a Plover. Bill pink at the base, reddish brown at the tip; eye, eyelid, legs, and toes pink."

34. *GAMBETTA MELANOLEUCA* (Gm.).

Tinta and Tungasuca.

"Shot on marshy lands in the vicinity of the lake of Tinta; quite alone. Bill horn-colour; eye dark hazel; legs and toes yellow ochre; claws black."

35. *GALLINAGO FRENATA*.

Scolopax frenata, Max. Beitr. iv. p. 712; Tsch. F. P. *Aves*, p. 299.

One skin from Tungasuca, with the tarsus shorter than usual.

"Found in pairs on the borders of the lake, but not common. Bill reddish slate; eye dark hazel; legs and toes brownish flesh-colour; claws black."

36. *FULICA ARDESIACA* (Tsch.); Scl. et Salv. Ex. Orn. p. 113, t. 57.

Two specimens from the lagoon of Tungasuca.

"Appears to be common. Bill white, marked with orange at the base; crown of the head chocolate-colour; legs and toes light green."

37. *ARDEA EGRETTEA* (Gm.).

A. leuce, Burm. Syst. Ueb. iii. p. 416.

Tungasuca.

"Bill yellow-ochre; eye cream-colour; legs, toes, and claws black."

38. *NYCTICORAX OBSCURUS*, Bp. Consp. ii. p. 141.

Adult and young from Tiuta.

"Upper mandible of bill black, marked with olive-green at the base; lower mandible olive-green, marked with streaks of black; eye crimson lake; legs and toes greenish yellow; claws black."

39. *IBIS FALCINELLUS* (Linn.); Schlegel, Mus. d. P.-B. *Ibis*, p. 2.

Ibis ordii, Tsch. F. P. p. 298.

Tungasuca.

"Frequents the neighbourhood of the lake in flocks of from twenty to thirty. Bill reddish slate-colour; eye crimson lake; legs, toes, and claws black. Total length $24\frac{1}{4}$ inches."

40. *BERNICLA MELANOPTERA* (Eyton).

Anser melanopterus, Eyton, Anatidæ, p. 93; Tsch. F. P. *Aves*, p. 308; Darwin, Voy. Beagle, Zool. iii. p. 134, t. 50; Phil. et Landb. Wieg. Arch. 1863, p. 185.

Anser andicola et *A. montanus*, Tsch.

Two examples from Pitumarca, in the plumage figured in the 'Voyage of the Beagle.'

"Common on all the large swamps near Tinta. Bill, legs, and toes Indian-red; eye dark hazel."

41. *DAFILA SPINICAUDA* (Vieill.).

Anas spinicauda, Schlegel, Mus. des P.-B. *Ans.* p. 39.

Two skins from the lagoon of Tungasuca and a river near Tinta, which we believe to belong to this species, although they do not quite agree with Burmeister's description (*La Plata-Reise*, ii. p. 515). But they are identical with a skin from Buenos Ayres, obtained by Mr. Hudson (*cf.* P. Z. S. 1868, p. 146); and we think Burmeister must have made some error in separating the Peruvian bird (*A. oxyura*, Meyen) from the eastern form.

"Total length $24\frac{1}{2}$ inches. Upper mandible yellow, marked with a streak of black down the centre; lower mandible yellow at the base, black at the point; eye dark hazel; legs and toes lead-colour."

42. *QUERQUEDULA OXYPTERA* (Meyen); Scl. et Salv. P. Z. S. 1867, p. 990.

Specimens of both sexes of this Duck from the lagoon of Tungasuca and a river near Tinta. The males and females are alike.

"Found in the river."

43. *QUERQUEDULA PUNA*.

Anas puna, Tsch. F. P. *Aves*, p. 309.

Two skins, both of females, from the lagoon of Tungasuca. This species seems most nearly allied to *Q. versicolor*, but is readily distinguishable by its larger black bill, blacker head, whiter throat, and finer markings above.

We have previously seen this species only in the gallery of the Jardin des Plantes, where there is a specimen from Cochabamba (D'Orbigny), and a second said to be from Chili (Gay).

"Found in pairs; rare. Bill light blue, with a streak of black down the centre of the upper mandible; eye dark hazel; legs and toes bluish slate-colour."

44. *MERGANETTA LEUCOGENYS*.

Anas leucogenys, Tsch. Wieg. Arch. 1843, p. 390.

Erismatura leucogenys, ej. l. c. 1844, p. 316.

Merganetta leucogenys, Tsch. F. P. *Aves*, p. 310.

Mr. Whitely has sent a pair of this *Merganetta*, which is certainly distinct from both the Chilian and New-Granadan species. The male was obtained by his friend Mr. Turner; the female was shot by himself at Tinta in July last.

The male has a black neck, like *M. chilensis*, but a pure white neck and throat, with only a small black line round the base of the bill, as in *M. columbiana*. Tschudi's description appears to have been taken from a bird not quite adult. The female appears to

resemble the female of *M. armata*, as figured by Des Murs (Icon. Orn. pl. 48).

"Bill, legs, and toes Indian red."

45. *LARUS SERRANUS*, Tsch. F. P. *Aves*, p. 307.

L. personatus, Schlegel, Mus. des P.-B. *Lari*, p. 35.

Several skins from Tinta, obtained in July, in winter dress or immature plumage, with the head almost white. One of them, apparently most immature, shows traces of a black subterminal tail-band.

46. *PODICEPS CALIPAREUS*, Lesson; Tsch. F. P. *Aves*, p. 315.

Lagoon of Tungasuca.

"Bill lead-colour; eye red; legs and toes lead-colour."

47. *PODICEPS ROLLANDI*, Q. et G.

Lagoon of Tungasuca.

"Bill black; eye red; legs and toes slate-colour."

3. Second List of Birds collected at Conchitas, Argentine Republic, by Mr. William H. Hudson; together with some Notes upon another Collection from the same locality. By P. L. SCLATER, M.A., Ph.D., F.R.S., and OSBERT SALVIN, M.A., F.Z.S.

A second collection of birdskins made by Mr. Hudson having been transmitted to us for inspection by the authorities of the Smithsonian Institution, Washington, we beg leave to offer to the Society a list of the species therein contained which were not enumerated in our former paper on this subject*, with occasional remarks upon them.

The collection consists of 105 specimens, referable to fifty different species. The following fourteen were not in the first collection. Two only of these, namely *Cyanotis azaræ* and *Elanus leucurus*, are not mentioned in Burmeister's work on the zoology of La Plata.

1. *TROGLODYTES FURVUS* (Gm.)

Tr. platensis, Burm. La Plata-Reise, ii. p. 476.

Basacaraguay, Azara, Apunt. ii. p. 19.

Several examples of this widely diffused species. It has been already pointed out (P. Z. S. 1867, p. 321) that the true *Sylvia platensis* of Latham (founded on Buffon's Pl. Enl. 730. f. 2) is Burmeister's *Cistothorus fasciolatus*, which should be called *Cistothorus platensis*. Azara's *Todo voz*, Apunt. ii. p. 29. no. 151 (*Thryothorus polyglottus*, Vieill.), is, no doubt, the same species.

Mr. Hudson gives *Ratoncito* as the vernacular name of the present bird.

* See P. Z. S. 1868, p. 137.